

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete If Known

Application Number	09/747,118
Filing Date	12/22/2000
First Named Inventor	Eldridge et al.
Group Art Unit	2841
Examiner Name	J. Alcala
Attorney Docket No.	P3D5-US

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			
JAA	1	3,389,457		Goldman et al	6/25/1968	
JAA	2	3,519,890		Ashby	7/7/1970	
JAA	3	3,662,454		Miller	5/16/72	
JAA	4	3,842,189		Southgate	10/15/1974	
JAA	5	4,137,867		Aigo	2/6/79	
JAA	6	4,194,957		Lipschutz	3/25/80	
JAA	7	4,217,183		Melcher et al.	8/12/80	
JAA	8	4,295,700		Sado	10/20/1981	
JAA	9	4,304,641		Grandia et al.	12/8/81	
JAA	10	4,397,086		Bickos et al.	8/9/83	
JAA	11	4,486,945		Aigoo	10/15/1974	
JAA	12	4,667,219		Lee et al.	5/19/1987	
JAA	13	4,732,313		Kobayashi et al.	3/22/1988	
JAA	14	4,751,199		Phy	6/14/1988	
JAA	15	4,793,814		Zifcak et al.	12/27/1988	
JAA	16	5,067,007		Kanji et al	11/19/1991	
JAA	17	5,098,305		Krajewski et al	3/24/1992	
JAA	18	5,110,032		Akiyama et al.	5/5/1992	
JAA	19	5,177,438		Littlebury et al.	1/5/93	
JAA	20	5,187,020		Kwon et al.	2/16/93	
JAA	21	5,195,237		Cray et al.	3/23/1993	
JAA	22	5,230,632		Baumberger et al.	7/27/1993	
JAA	23	5,240,588		Uchida	8/31/1993	
JAA	24	5,304,534		Ciszek	4/19/94	
JAA	25	5,317,479		Pai et al.	5/31/1994	
JAA	26	5,373,627		Grebe	12/20/94	
JAA	27	5,391,521		Kim	2/21/95	
JAA	28	5,476,211		Khandros	12/19/95	
JAA	29	5,476,818		Yanof et al.	12/19/95	
JAA	30	5,495,667		Farnworth et al.	3/5/96	
JAA	31	5,580,607		Takekuma et al.	12/3/96	
JAA	32	5,611,696		Donner et al.	3/18/1997	
JAA	33	5,847,445		Wark et al.	12/8/98	

Examiner Signature	<i>Jose N. Alcala</i>	Date Considered	12/13/02
-----------------------	-----------------------	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO		MAY 17 2002		Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number		09/747,118	
		Filing Date		12/22/2000	
		First Named Inventor		Eldridge et al.	
		Group Art Unit		2841	
		Examiner Name		J. Alcala	
Sheet	2	of	2	Attorney Docket No. P3D5-US	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
JHA	34	FR	2680284	/	Christian	2/12/1993		
JHA	35	JP	5218156	/	Ryuichi	8/27/93		
JHA	36	JP	6018555	3	Tetsuo	1/25/94		
JHA	37	JP	7072172	2	Hiroyuki	3/17/95		
JHA	38	JP	55113897	1	Masayuki	9/2/1980		
JHA	39	JP	57017141	2	Kenichi	1/28/1982		
JHA	40	JP	57084144	0	Akinori	5/26/1982		
JHA	41	JP	58218131	1	Masanari	12/19/1983		
JHA	42	JP	61244057	2	Kato	10/30/1986		

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>	
JHA	43	Duane W. ENDICOTT and John R. KNAPP, Jr. "Electrodeposition of Nickel-Cobalt Alloy: Operating Variables And Physical Properties Of The Deposits" (January 1966), pp. 43-60, (Plating).		
JHA	44	Shih, D.-Y et al., "A Novel Elastomeric Connector for Packaging Interconnections, Testing and Burn-in Applications", IEEE, Proceedings of the Electronic Components and Technology Conference, Las Vegas, NV, May 21, 1995.		

Examiner Signature	<i>J. Alcala</i>	Date Considered	12/13/02
-----------------------	------------------	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

COPY OF PAPERS  
ORIGINALLY FILED

Modified Form PTO/SB/08A

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/747,118
				Filing Date	12/22/2000
				First Named Inventor	Eldridge et al.
				Group Art Unit	2841
				Examiner Name	J. Alcala
Sheet	1	of	1	Attorney Docket No.	P3D5-US

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
JHA		JP	04-240570		Naoaki	8/27/1992		x

Examiner Signature	<i>Jose H. Alcala</i>	Date Considered	12/13/02
-----------------------	-----------------------	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/747,118
				Filing Date	12/22/2000
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket No.	P3D5-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code <sup>2</sup>			
JHA	A	4,418,857		Ainslie et al.	12/6/1983	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS					T <sup>2</sup>
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
JHA	B	WEAST, Handbook Of Chemistry and Physics (1975-1976), pp. D-171 to D-172, (CRC Press, Cleveland, Ohio)			

Examiner Signature	<i>For H. Alch</i>	Date Considered	12/13/02
-----------------------	--------------------	--------------------	----------

EXAMINER: Initial, if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

RECEIVED  
SEP 21 2001  
TECHNOLOGY CENTER R3700